

5020

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number:

10/519,539

Source:

PCT

Date Processed by STIC:

1-10-05

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PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/519,539

DATE: 01/10/2005

TIME: 16:09:43

Input Set : A:\sequencelisting.txt

Output Set: N:\CRF4\01102005\J519539.raw

3 <110> APPLICANT: Deutsches Krebsforschungszentrum
 5 <120> TITLE OF INVENTION: Peptides for inducing apoptosis in tumor cells
 7 <130> FILE REFERENCE: DK62021PC
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/519,539
 C--> 9 <141> CURRENT FILING DATE: 2004-12-28
 9 <160> NUMBER OF SEQ ID NOS: 132
 11 <170> SOFTWARE: PatentIn version 3.1
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 20
 15 <212> TYPE: PRT
 16 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
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 23 Trp Leu Gly Thr Phe Ser Gly Thr Cys Ser Thr Ala Phe Tyr Phe Pro
 24 1 5 10 15
 27 Leu Gly Val Pro
 28 20
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 20
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Artificial Sequence
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
 39 <400> SEQUENCE: 2
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 42 1 5 10 15
 45 Pro Phe Trp Cys
 46 20
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 31
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
 57 <400> SEQUENCE: 3
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 60 1 5 10 15
 63 Val Cys Cys Ser Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly
 64 20 25 30
 67 <210> SEQ ID NO: 4
 68 <211> LENGTH: 20
 69 <212> TYPE: PRT

(ps. 6)

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70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
75 <400> SEQUENCE: 4
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78 1          5          10          15
81 Ala Phe Ile Ile
82          20
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86 <211> LENGTH: 20
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
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96 1          5          10          15
99 Leu Phe Ile Ile
100          20
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 20
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
111 <400> SEQUENCE: 6
113 Gly Tyr Ser Leu Thr Ser Met Ser Ala Phe Ala Val Arg Pro Cys Val
114 1          5          10          15
117 Cys Gly Ser Leu
118          20
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 20
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
129 <400> SEQUENCE: 7
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132 1          5          10          15
135 Leu Gly Val Pro
136          20
139 <210> SEQ ID NO: 8
140 <211> LENGTH: 20
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
147 <400> SEQUENCE: 8
149 Thr Asn Phe Arg Pro Ser Pro Thr Phe His Ala Ile Leu Leu Trp Pro

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153 Asn Thr Phe Ser
154          20
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159 <212> TYPE: PRT
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163 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
165 <400> SEQUENCE: 9
167 Val Gly Leu Gly Gly Trp Cys Phe Asp Cys Tyr Trp Val Ala Trp Asp
168 1          5          10          15
171 Phe Gln Thr Gln
172          20
175 <210> SEQ ID NO: 10
176 <211> LENGTH: 20
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
183 <400> SEQUENCE: 10
185 Phe Trp Asp Tyr Cys Gly Pro Leu Ile Cys Leu His Cys Asn Leu Gly
186 1          5          10          15
189 Arg Cys Val Ser
190          20
193 <210> SEQ ID NO: 11
194 <211> LENGTH: 5
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
201 <400> SEQUENCE: 11
203 Met Met Asp Ser Ala
204 1          5
207 <210> SEQ ID NO: 12
208 <211> LENGTH: 20
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
215 <400> SEQUENCE: 12
217 Ala Ser Leu Arg Leu Tyr Pro Ile Gly Gly Thr Val Pro Phe Gly Arg
218 1          5          10          15
221 Thr Gly Ala Gly
222          20
225 <210> SEQ ID NO: 13
226 <211> LENGTH: 20
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence

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230 <220> FEATURE:
231 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
233 <400> SEQUENCE: 13
235 Gly Asp Tyr Gly Cys Cys Trp Val Val Thr Thr Gly Val Gly Val Arg
236 1          5          10          15
239 Cys Tyr Val Trp
240          20
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244 <211> LENGTH: 20
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
251 <400> SEQUENCE: 14
253 Ala Cys Trp Ala Leu Trp Ser Leu Phe Arg Gln Asp Leu Leu Leu Val
254 1          5          10          15
257 Ile Thr Phe Asp
258          20
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262 <211> LENGTH: 31
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
269 <400> SEQUENCE: 15
271 Asp Ser Ala Pro Gly Glu Arg Tyr Phe Val Asp Phe Leu Gly Val Ser
272 1          5          10          15
275 Phe Ala Cys Val Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly
276          20          25          30
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294 <211> LENGTH: 20
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
301 <400> SEQUENCE: 17
303 Thr Pro Ser Cys Arg Ala Gly Val Leu Arg Cys Thr Gly Cys Phe Gly
304 1          5          10          15
307 Val Arg Ser Gly
308          20

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TIME: 16:09:43

Input Set : A:\sequencelisting.txt

Output Set: N:\CRF4\01102005\J519539.raw

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311 <210> SEQ ID NO: 18
312 <211> LENGTH: 20
313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
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319 <400> SEQUENCE: 18
321 Leu Trp Arg Cys Arg Thr Val Ser Ala Tyr Leu Ser Trp Leu Arg His
322 1          5          10          15
325 Tyr Ser Ser Ser
326          20
329 <210> SEQ ID NO: 19
330 <211> LENGTH: 20
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
337 <400> SEQUENCE: 19
339 His Ser Arg Pro Ala Leu Cys Met Val Ser Leu Arg Trp Ala Arg Ser
340 1          5          10          15
343 Leu Trp Ile Val
344          20
347 <210> SEQ ID NO: 20
348 <211> LENGTH: 14
349 <212> TYPE: PRT
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
355 <400> SEQUENCE: 20
357 Trp Thr His Val Trp Val Gly Trp Leu Val Ala Gly Met Ser
358 1          5          10
361 <210> SEQ ID NO: 21
362 <211> LENGTH: 20
363 <212> TYPE: PRT
364 <213> ORGANISM: Artificial Sequence
366 <220> FEATURE:
367 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
369 <400> SEQUENCE: 21
371 Arg Phe Arg Cys Arg Ala Asp Leu Cys Val Thr Leu Thr Val Leu Ser
372 1          5          10          15
375 Phe Leu Ala Gln
376          20
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380 <211> LENGTH: 20
381 <212> TYPE: PRT
382 <213> ORGANISM: Artificial Sequence
384 <220> FEATURE:
385 <223> OTHER INFORMATION: randomized peptide that bind to particular IAPs
387 <400> SEQUENCE: 22

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/519,539

DATE: 01/10/2005
TIME: 16:09:44

Input Set : A:\sequencelisting.txt
Output Set: N:\CRF4\01102005\J519539.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; Xaa Pos. 18
Seq#:63; Xaa Pos. 19
Seq#:71; Xaa Pos. 18
Seq#:119; Xaa Pos. 18

VERIFICATION SUMMARY

DATE: 01/10/2005

PATENT APPLICATION: US/10/519,539

TIME: 16:09:44

Input Set : A:\sequencelisting.txt

Output Set: N:\CRF4\01102005\J519539.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16
L:1191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:16
L:1349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:16
L:2295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:16